## VOLUME INDEX TO 42

Subject entries are made for all articles. Author entries are made for original articles. Book Reviews and Obituaries are indexed under these headings in alphabetical order under the letters B and O, respectively.

Abdomen: See also Gastrointestinal Tract; Peritoneum: etc.

feritoneum; etc. fibrinogen plastics; tissue reactions in-duced by series of fibrinogen plastics implanted in abdominal wall of guinea pigs, 535

pigs, 535 Abnormalities pigs, 535 bnormalities and Deformities: See also under names of organs and regions, as Heart; Liver; etc. congenital malformations and anomalies of

Okinawans, 364
duodenitis with diverticulum and ectopic
pancreatic tissue, 228
Abscess: See under names of organs and
regions, as Liver; etc.
Acid, Nucleic: See Nucleins

Acid, Nucleic: See Nucleins
Actinomycosis, radiate formation in human
tissue in, 113
Adams, R. D.: Primary Hodgkin's sarcoma
of brain, 338
Adams-Stokes Disease: See Heart, block
Adenocarcinoma, primary, of umbilicus, 635
Adenoma; primary hyperparathyroidism; report of 5 cases that exemplify special
features of this disease (infarction of
parathyroid adenoma; oxyphil adenoma),
261

Adipose Tissue : See Fat : Lipoma

Adipose Tissue: See Fat; Lipoma
Adrenals; birefringence in adrenal gland, 76
hemorrhage; meningococcemia and Waterhouse-Friderichsen syndrome; sudden and
unexpected deaths of young soldiers; diseases responsible for such deaths during
World War II, 477

World War II, 477 primary melanoma of adrenal gland, 345 toxicology of 1,2-dichloropropane (propylene dichloride); pathologic changes produced by short series of dally exposures, 525 ge, atherosclerotic valvular disease of heart,

Old: See Old Age

Alkalosis; renal changes associated with chloride deficient diet in rat, 49
Alloxan; alloxantin; investigation of substance as used in experimental production of diabetes, 214

Alloxantin; investigation of substance as used in experimental production of diabetes, 214 de Almeida-Lutz-Splendore Disease : See Blasto-

mycosis
Altschul, R.: Experimental cholesterol arteriosclerosis; changes produced in skeletal
muscle, 277
Alvarenga prize, 243

Alvarenga prize, 243
Ameblasis; in vitro effect of penicillin on Endamoeba histolytica, 594
Amenorrhea; bilateral ovarian aplasia, 381
American Board of Pathology, 456
Medical Association, Scientific Exhibit at Atlantic City Session, 455
Registry of Pathology, 355
Anaphylaxis and Allergy; cardioaortitis; report of case, 495
lesions of reticuloendothelial cells in anaphylactic shock, 412
reaction of rats following injection of antirat-heart immune serum, 222

Aneurysm; experimental medionecrosis of aorta, 182
Angloma; anglomatold formations in genital organs with and without tumor formation, 56

tion, 56
Antigens and Antibodies: See also under specific antigens and reactions
lesions of reticuloendothelial cells in anaphylactic shock, 412
Antiserum: See Serum; and under names of various diseases
Aorta; absence of left cardiac ventricle with aplasia of aortic orifice and hypoplasia of aorta, 590

aplasia of aortic orifice and hypoplasia of aorta, 590 experimental medionecrosis of, 182 stricture; atherosclerotic valvular disease of heart, 285 temporal arteritis; report of case and com-parison to periarteritis nodosa, 402 Aortic Valve; atherosclerotic valvular disease of heart, 285

of heart, 285
Aortitis; cardioaortitis; report of case, 495
Apparatus; centrifuge method of determining
blood proteins, 350
Appointments, 243, 455, 658
Armies: See Military Medicine
Army Institute of Pathology, 355
Arrick, M. S.: Stem cell lymphoma of newborn, 104
Arteries: See also Aneurysm; Aorta; Arteriosclerosis; Blood pressure; Blood vessels;
Embolism; Periarteritis; Thrombosis; etc.
carotid; carotid-cavernous fistula, 419
Hypertension: See Blood pressure, high
inflammation; temporal arteritis; report of
case and comparison to periarteritis
nodosa, 402
pulmonary; organized emboli of tertiary

nodosa, 402
pulmonary; organized emboli of tertiary
pulmonary arteries; unusual cause of cor
pulmonale, 581
pulmonary; truncus arteriosus communis
persistens, 427
resplecement

persistens, 427
rteriosclerosis and atherosclerosis in dogs
following ingestion of cholesterol and thiouracil, 433
atherosclerotic valvular disease of heart, 285
experimental atherosclerosis; effect of prolonged feeding of egg yolk powder in rats,

experimental cholesterol arteriosclerosis: changes produced in skeletal muscle, 277 medial calcification of arteries of infants,

607
primary pulmonary vascular sclerosis, 630
Arteritis: See Arteries, inflammation
Arthritis; pathologic changes in gouty arthritis, 557
Ascites: See also Exudates and Transudates
hepar lobatum; clinical significance of anatomic changes, 64
Ashworth, C. T.: Atherosclerotic valvular disease of heart, 285
Aspergillus; acute bronchopneumonia due to
Aspergillus fumigatus fresenius; report of
case, with description of acute and granulomatous lesions produced by fungus in
rabbits, 644

iomatous lesions produced by fungus in rabits, 644

Tadiate formation of fungi in human tissue in aspergillosis, 117

Atheromatosis: See Arteriosclerosis

Atherosclerosis: See Arteriosclerosis

Atrophy: See under names of organs and regularity.

regions and regions on Okinawans; anatomic and pathologic observations, 359

Awards, 243, 455

Bacteria: See also under Meningococci; Pneu-

Bacteria: See also under Meningococci; Pneu-mococci; Streptococci; etc. Dysentery: See Dysentery Shigelia: See Dysentery Baggenstoss, A. H.: Primary melanoma of adrenal gland, 345 Bailey, O. T.: Fibrinogen plastics; tissue re-actions induced by series of fibrinogen plastics implanted in abdominal wall of guinea pigs, 535 Bauer, F. C., Jr.: Reaction of rats following injection of anti-rat-heart immune serum, 222

Bell, E. T.: Functioning of fetal kidney as reflected by stillborn infants with hydroureter and hydronephrosis, 274
Benzpyrene; course of wound healing in skin of mice under influence of carcinogens, 198

Biliary Tract: See Gallbladder; Liver

Birefringence: See Microscopy
Birth, Stillbirths: See Stillbirths
Biskind, G. R.: Pathologic aspects of atmospheric blast injuries in man, 12

Blades, B.: Primary bronchiogenic leiomyo-sarcoma, 543 Bland, E. F.: Organized emboli of tertiary

pulmonary arteries; unusual cause of corpulmonale, 581

Blast: See Explosions

Blastomycosis, 137. See also Coccidioidomycosis North American blastomycosis or Gilchrist's

disease, 140
radiate formation of fungi in human tissue
in paracoccidioidal granuloma, 135

in paracoccidioidal granuloma, 135

Blood: See also Leukocytes
birefringence in, 72
cholesterol; experimental atheroscierosis;
effect of prolonged feeding of egg yolk
powder in rats, 81
Diseases: See Leukemia
pathologic changes resulting from administration of streptomycin, 619
pressure, high; atheroscierotic valvular disease of heart, 285
primary hyperparathyroidism; report of 5
cases that exemplify special features of
this disease (infarction of parathyroid
adenoma; oxyphil adenoma), 261
proteins; centrifuge method of determining
blood proteins, 350
sugar; alloxantin; investigation of substance as used in experimental production
of diabetes, 214
Vessels: See also Arteries; Periarteritis;
etc.

etc. experimental cholesterol arterio-scierosis; changes produced in skeletal muscle, 277 les: See also under names of bones

iones: See also under names of bones birefringence in, 71 marrow; disseminated reticuloendothelial tumor of bone marrow with nodular osteo-sclerosis, 206 marrow; leukopenic factor of exudates; mechanism concerned in leukopenia in-duced by it, 154 pathologic changes in gouty arthritis, 557

BOOK REVIEWS:

Autopsy Diagnosis and Technic; O. Saphir, 357

357
Diseases of Retina; H. Elwyn, 244
Experimental Hypertension: Being Results of Conference on This Subject Held by Section of Biology of New York Academy of Sciences, Feb. 9 and 10, 1945, 357
Hépatites rares; M. Loeper, 657
Human Embryology; B. M. Patten, 656
Human Torulosis: Clinical, Pathological and Microbiological Study with Report of Thirteen Cases; L. B. Cox and J. C. Tolhurst, 244

BOOK REVIEWS—Continued

Medical Jurisprudence and Toxicology; J.
Glaister, 244

Mongolism and Cretinism: Study of Clinical
Manifestations and General Pathology of
Pituitary and Thyroid Deficiency; C. E.
Benda, 555

Nouvelles études cliniques et biologiques sur
la pathologie du foie; E. Chabrol, 656
Penicillin: Its Practical Application; A.
Fleming, 458
Principles and Practice of Tropical Medicine; L. E. Napler, 358
Quantitative Clinical Chemistry: Interpretations; J. P. Peters and D. D. Van Slyke,
657

Rein polykystique: Etude morphologique,

e57
Rein polykystique: Etude morphologique, clinique et physiopathologique; P. P. Lambert, 457
Renal Diseases; E. T. Bell, 555
Renal Hypertension; E. Braun-Menendez and others, 457
Topley and Wilson's Principles of Bacteriology and Immunity; G. S. Wilson and A. A. Miles, 111
Tumeurs et polypes du coeur: Etude anatomo-clinique; I. Mahaim, 556

Books received, 111, 112, 244, 357, 457, 555,

656 Brain: See also Meninges; Nervous System;

Brain: See also Meninges; Nervous System; etc.

birefringence in nervous tissue, 70 cclampsia; report of case with extensive destruction of brain, 391 epidemic pollomyelitis; some pathologic observations on human material, 245 injuries; cerebral concussion; histochemical demonstration of nucleases in cerebrospinal fluid, 175 primary Hodgkin's sarcoma of, 338 repair; phospholipid-splitting enzymes of brain phagocytes, 564
Breast, birefringence in, 74 lipoma of mammary gland, 641
Bright's Disease: See Nephritis
Bronchi; primary bronchiogenic leiomyosarcoma, 543
Bronchopneumonia, acute, due to Aspergillus fumigatus fresenius; report of case, with description of acute and granulomatous lesions produced by fungus in rabbits, 644
Bruger, M.: Experimental atherosclerosis; effect of prolonged feeding of ear volk.

Bruger, M.: Experimental atherosclerosis; effect of prolonged feeding of egg yolk powder in rats, 81
Bubo, Climatic: See Lymphogranuloma Ven-

ereum
Bueno, P.: Lesions of reticuloendothelial cells
in anaphylactic shock, 412

Calcification: See Kidneys, calculi
Calculi: See Kidneys, calculi; etc.
Cammermeyer, J.: Tumor of tactile end
organs, 1
Cancer: See also Adenocarcinoma; Sarcoma;
Tumors; and under names of organs and
regions, as Liver; Lungs; Stomach; etc.
course of wound healing in skin of mice
under influence of carcinogens, 193
further evidence for successive stages in
formation of neoplasms, 445
stem cell lymphoma of newborn, 104
Capsule formation of fungi in human tissue,
145
Carcinogens: See Cancer

Carcinogens: See Cancer
Carcinoma: See Cancer
Cardiovascular System: See Arteries; Heart
Castleman, B.: Organized emboli of tertiary
pulmonary arteries; unusual cause of cor
pulmonale, 581
Cells: See also Phagocytes and Phagocytosis;
Tissue; etc.
division; course of wound healing in skin of
mice under influence of carcinogens, 193

Celis—Continued
granular cell myobiastoma, 517
physiology, in vitro studies on; interactions
of thymic cells and oxidation-reduction indicator, 2,6-dichlorophenolindophenol, 163
reaction of reticuloendothelial cells to subcutaneous injections of cholesterol; experimental animals: mice, 299
renal intratubular syncytial masses; note on
their origin, 572
Cerebrospinal Fiuld; cerebral concussion; histochemical demonstrations of nucleases in,
175
Cerebrum: See Brain
Chemotherapy: See under names of diseases
and chemotherapeutic agents
Chest: See Thorax
Children: See also Infants
structure of testis in infancy and in childhood with discussion of so-called underdeveloped testis, 35
Chlorides: renal changes associated with
chloride-deficient diet in rat, 49
Chloropropane; toxicology of 1,2-dichloropropane (propylene dichloride); pathologic
changes produced by short series of daily
exposures, 525
Cholesterol arteriosclerosis, experimental;
changes produced in skeletal muscle, 277
atherosclerosis and arteriosclerosis in dogs
following ingestion of cholesterol and thiouracil, 433
atherosclerotic valvular disease of heart,
285
reaction of reticuloendothelial cells to subcutaneous injections of cholesterol; experi-

reaction of reticuloendothelial cells to sub-cutaneous injections of cholesterol; experi-mental animals: mice, 299 Chromatolysis: See Neurons Chromoblastomycosis: See Blastomycosis Chromosmes, birefringence in, 72 Cirrhosis: See Liver, cirrhosis Clasmatocytes: See Phagocytes and Phagocy-tosis

tosis
Coccidioldomycosis, 125
Cohen, H.: Pathologic aspects of atmospheric
blast injuries in man, 12
Colon: See Gastrointestinal Tract; Intestines
Communicable Diseases: See also Syphilis;

communicable Diseases; See also Syphills;
etc.
among Okinawans, 367
Concussion: See Brain, injuries
Convulsions; eclampsia; report of case, with
destruction of brain, 391
Cooper, N. S.: Acute bronchopneumonia due
to Aspergillus fumigatus fresenius; report
of case, with description of acute and
granulomatous lesions produced by fungus
in rabbits, 644
Cor Pulmonale: See Heart, abnormalities
Cranium, intracranial hemorrhage; sudden and
unexpected deaths of young soldiers; diseases responsible for such deaths during
World War II, 468
Cryptococcus Hominis: See Torula
Cysts: See under names of organs and regions
Cytology: See Cells

Death, sudden and unexpected, of young solders; diseases responsible for such deaths during World War II, 459
Deformities: See Abnormalities and Deformities Dermatitis Verrucosa: See Blastomycosis Desforges, G.: Primary adenocarcinoma of umbilicus, 635
Dextrose, glycolysis; in vitro studies on physiology of cells; interactions of thymic cells and oxidation-reduction indicator, 2,6-dichlorophenolindophenol, 163
Diabetes Mellitus; alloxantin; investigation of substance as used in experimental production of diabetes, 214
Dichlorophenolindophenol: See Oxidation-Reduction

Dichloropropane: See Chloropropane
Dick, G. F.: Experimental endocarditis of
dogs, 159

Dichloropropane: See Chloropropane
Dick, G. F.: Experimental endocarditis of
dogs, 159
Diet and Dietetics; atherosclerosis and arteriosclerosis in dogs following ingestion of
cholesterol and thiouracil, 433
renal changes associated with chloride deficient diet in rat, 49
Digestive System: See Gastrointestinal Tract;
Intestines; Pancraas; etc.
Distinguished Service Medal of American Medical Association, 455
Diverticula: See Duodenum
Ductus Arteriosus; truncus arteriosus communis persistens, 427
Dungal, N.: Cardioactitis; report of case,
495
Duodenitis: See Duodenum

Duodenitis: See Duodenum
Duodenitis: See Duodenum
Duodenum; duodenitis with diverticulum and
ectopic pancreatic tissue, 228
Dyes: See Stains and Staining
Dysentery, Amebic: See Amebiasis

Eclamsia: report of case with extensive destruction of brain, 391
Edema: See under names of organs and regions, as Lungs; etc.
Effusions: See Exudates and Transudates
Eggs; experimental atherosclerosis; effect of prolonged feeding of egg yolk powder in rats, 81
Eitzen, O.: Carotid-cavernous fistula, 419
Electrocardiogram: See under Heart
Embolism: See also Thrombosis organized emboli of tertiary pulmonary arteries; unusual cause of cor pulmonale, 581
Embryology: See Fetus; etc.

581
Embryology: See Fetus; etc.
Emphysema; pathologic aspects of atmospheric
blast injuries in man, 12
Endamoeba: See Amebiasis
Endocarditis, experimental, of dogs, 159
myocardial granulomas in subacute bacterial
endocarditis, 574
Endocardium: See Heart
Enzymes; brain repair; phospholipid-splitting
enzymes of brain phagocytes, 564
cerebral concussion; histochemical demonstration of nucleases in cerebrospinal fluid,
175

reaction of reticuloendothelial cells to sub-cutaneous injections of cholesterol; ex-perimental animals: mice, 299

perimental animals: mice, 299

Epidermis: See Skin
Epididymis and testicular tunics, angiomatoid
formations in, 56
Erskine, C. A.: Bilateral ovarian aplasia, 381
Esterase: See Enzymes
Estrogens; some effects of prolonged massive
estrogen treatment on rat with reference
to thymus, 598
Explosions; pathologic aspects of atmospheric
blast injuries in man, 12
Extremities; birefringence in skin and appendages, 72
Exudates and Transudates; leukopenic factor
of exudates; mechanism concerned in leukopenia induced by it, 154
Eyes, birefringence in, 72

Fat: See also Lipoids
experimental atherosclerosis; effect of prolonged feeding of egg yolk powder in rats,

further evidence for successive stages in formation of neoplasms, 445 systemic multicentric lipoblastosis, 320 Fetus: See also Pregnancy functioning of fetal kidney as reflected by stillborn infants with hydroureter and hydronephrosis, 274 structure of testis in infancy and in child-hood with discussion of so-called under-developed testis, 35

Fibrinogen plastics; tissue reactions induced by series of fibrinogen plastics implanted in abdominal wall of guinea pigs, 535 Field, M. H.: Medial calcification of arteries of infants, 607 Fingers and Toes; tumor of tactile end

Field, M. H.: Mediar calcinication of alterior of infants, 607

Fingers and Toes; tumor of tactile end organs, 1

Finney-Howell Fellowships, 456

Fistula, carotid-cavernous, 419

Ford, R.: Fibrinogen plastics; tissue reactions induced by series of fibrinogen plastics implanted in abdominal wall of guinea pigs, 535

Formaldehyde; in vitro studies on physiology of cells; interactions of thymic cells and oxidation-reduction indicator, 2,6-dichlorophenolindophenol, 163

Friderichsen-Waterhouse Syndrome: See Adrenals, hemorrhage

Fungl: See also Blastomycosis; etc. radiate formation on pathogenic fungi in human tissue, 113

Galibladder, birefringence in, 76
Gastrointestinal Tract: See also Intestines; etc.
and peritoneal cavity, birefringence in, 76
Genitals; angiomatoid formations in genital
organs with and without tumor formation,
56

56
bilateral ovarian aplasia, 381
Gerontology: See Old Age
Glichrist's Disease: See Blastomycosis
Gloea formation in fungi, 142
Glomerulonephritis: See Nephritis, glomerular
Glucose: See Devicese

Glomerulonephritis: See Nephritis, glomerular Glucose: See Dextrose
Glycogen; leukopenic factor of exudates; mechanism concerned in leukopenia induced by it, 154
Glycolysis: See Dextrose, glycolysis
Gonads: See Genitals; Ovary; Testes
Gordon, L. Z.: Temporal arteritis; report of case and comparison with respect to periarteritis nodosa, 402
Gout; pathologic changes in gouty arthritis, 557
Grants, grants, in, add of National Institute of

Grants; grants-in-aid of National Institute of Health, 243

Health, 243
Granuloma, acute bronchopneumonia due to
Aspergillus fumigatus fresenius; report of
case, with description of acute and granulomatous lesions produced by fungus in
rablits, 644
Malignant: See Hodgkin's Disease
myocardial, in subacute bacterial endocarditis, 574

myocardial, in subacute bacterial carditis, 574 Paracoccidioidal: See Blastomycosis

Greenberg, D. M.: Renal changes associ with chloride deficient diet in rat, 49

Gruenwald, P.: Structure of testis in infancy and in childhood with discussion of so-called underdeveloped testis, 35

Hair, diseases, gloca formation in, 142 Halpert, B.: Lipoma of mammary gland, 641
Heart, abnormalities; organized emboli of
tertiary pulmonary arteries; unusual cause
of cor pulmonale, 581
abnormalities; truncus arteriosus communis
persistens, 427

persistens, 427
sence of left cardiac ventricle with aplasia of aortic orifice and hypoplasia of aorta, 590

block; atherosclerotic valvular disease of heart, 285

heart, 285
cardioaortitis; report of case, 495
disease; sudden and unexpected deaths of
young soldiers; diseases responsible for
such deaths during World War II, 463
myocardial granulomas in subacute bacterial
endocarditis, 574
reaction of rats following injection of antirat-heart immune serum, 222

Heine-Medin Disease: See Poliomyelitis
Helminths: See under Intestines
Hemorrhage: See Adrenals; Lungs; etc.
Hepar Lobatum: See Liver, cirrhosis
Hepatitis: See Jaundice
Heppel, L. A.: Toxicology of 1,2-dichloropropane (propylene dichloride); pathologic changes produced by short series of daily exposures, 525
Herbut, P. A.: Alloxantin; investigation of substance as used in experimental production of diabetes, 214
Tumor of thoracic inlet producing Pancoast syndrome; report of 17 cases and review of literature, 88
Hicks, S. P.: Brain repair; phospholipid-splitting enzymes of brain phagocytes, 564
Highman, B.: Toxicology of 1,2-dichloropropane (propylene dichloride); pathologic changes produced by short series of daily exposures, 525
Hirsch, E. F.: Eclampsia; report of case in which there was extensive destruction of brain, 391
Histology; birefringence in tissues, 69
Hodgkin's Disease; primary Hodgkin's sarcoma of brain, 338
Hormones: See Estrogens; etc.
Hortega Memorial, 658
Howell, K. M.: In vitro effect of penicillin on Endamoeba histolytica, 594
Hydrocarbons: See Benzpyrene; Methylcholanthrene

Hydrocarbons: See Benzpyrene; Methylcholanthrene

hydrocarbons: See Benzpyrene; Methylcholanthrene
Hydronephrosis; functioning of fetal kidney
as reflected by stillborn infants with
hydroureter and hydronephrosis, 274
renal changes associated with chloride deficient idet in rat, 49
Hydroureter: See Ureters
Hyman, M. A.: Absence of left cardiac ventricie with aplasia of aortic orifice and hypoplasia of aorta, 590
Hypercalcemia: See Blood
Hypercholesteremia: See Blood, cholesterol
Hyperplycemia: See Blood sugar
Hyperparathyroidism: See under Parathyroid
Hypertension: See Blood sugar
Hypophosphatemia: See Blood
Hypophosphatemia: See Blood

leterus: See Jaundice
Infantile Paralysis: See Poliomyelitis
Infantis: See also Children
newborn; absence of left cardiac ventricle
with aplasia of aortic orifice and hypoplasia of aorta, 596
newborn: medial calcification of arteries of
infants, 607
newborn, stem cell lymphoma of, 104
Stillborn: See Stillbirths
structure of testis in infancy and in childhood with discussion of so-called underdeveloped testis, 35
Infection: See Wounds; Viruses; and under
names of bacteria, as Meningococci;
Streptococci; etc.
Infactious Diseases: See Communicable Diseases; etc.
Infammation; leukopenic factor of exudates;
mechanism concerned in leukopenia induced by it, 154
Injuries: See under names of organs and
regions, as Brain; etc.
Institute of Pathology, 243
Instruments: See Apparatus
Interstitial Cells: See Testes
Intestines: See also Gastrointestinal Tract
intestinal helminthic infections in Okinawans, 365
Irradiation: See under names of diseases and
organs
Islands of Langerhans: See Pancreas

organs Islands of Langerhans: See Pancreas

Jaundice, distribution of alkaline phosphatase in human liver; study of postmortem material, 501 hepar lobatum; clinical significance of ana-tomic changes, 64 Joints; pathologic changes in gouty arthritis, 557

557
Josephy, H.: Eclampsia; report of case in which there was extensive destruction of brain, 391
Journals: See Periodicals
Jungle Warfare: See Military Medicine

Kalfayan, B.; Duodenitis with diverticulum and ectopic pancreatic tissue, 228
Kendall, F. E.; Atherosclerosis and arteriosclerosis in dogs following ingestion of cholesterol and thiouracil, 433
Kidneys, birefringence in, 78
calculi; primary hyperparathyroidism; report of 5 cases that exemplify special features of this disease (infarction of parathyroid adenoma; oxyphil adenoma), 261
Diseases; See Hydronenbrosis; Neabstite

Diseases: See Hydronephrosis; Nephritis fetal, functioning as reflected by stillborn infants with hydroureter and hydroneph-

fetal, functioning as renewal functioning as renewal infants with hydroureter and hydronephrosis, 274
glomerulonephritis, Wilms's tumor and horseshoe kidney in infant, 549
pathologic changes resulting from administration of streptomycin, 619
renal changes associated with chloride deficient dlet in rat, 49
renal intratubular syncytial masses; note on their origin, 572
toxicology of 1,2-dichloropropane (propylene dichloride); pathologic changes produced by short series of daily exposures, 525
Kline, B. E.: Further evidence for successive stages in formation of neoplasms, 445
Kniseley, R. M.: Primary nelanoma of adrenal gland, 345
Knoll, E. W.: in vitro effect of penicillin on Endamoeba histolytica, 594

Laberatories; centrifuge method of determin-ing blood proteins, 359 Langerhan's Islands: See Pancreas

Leiomyosarcoma, primary bronchiogenic, 543
Leukemia, distribution of alkaline phosphatase
in human liver; study of postmortem
material, 501

material, 301
Leukocytes: See also Leukemia; Phagocytes
and Phagocytosis; etc.
count; leukopenic factor of exudates; mechanism concerned in leukopenia induced by
it, 154

Leukopenia: See Leukocytes, count

Lewis, J. H.: Centrifuge method of determin-ing blood proteins, 350 Libraries, 243

Lichtman, A. L.: Birefringence in tissues, 69 Limbs: See Extremities Lipids: See Lipoids Lipoblastosis: See Fat

Lipoidas See also Cholesterol; Fat; Phosphorus and Phosphorus Compounds; etc. birefringence in fatty tissue, 71 systemic multicentric lipoblastosis, 320 Lipoma of mammary gland, 641 Lithiasis; See Kidneys, calculi

Lipoma of mammary gland, 641
Lithiasis: See Kidneys, calculi
Liver, absence, complete, of left lobe of, 232
birefringence in, 76
cirrhosis; hepar lobatum; clinical significance of anatomic changes, 64
distribution of alkaline phosphatase in
human liver; study of postmortem
material, 501

experimental atherosclerosis; effect of pro-longed feeding of egg yolk powder is rats, 81

Liver—Continued leukopenic factor of exudates; mechanism concerned in leukopenia induced by it

pathologic changes resulting from administration of streptomycin, 619
toxicology of 1,2-dichloropropane (propylene dichloride); pathologic changes produced by short series of daily exposures, 525
Lowenhaupt, E.: Renal changes associated with chloride-deficient diet in rat, 49
Renal intratubular syncytial masses; note on their origin, 572
Luhan, J. A.: Epidemic poliomyelitis; some pathologic observations on human material, 245

pati 245

pathologic observations on human material, 245

Lungs: See also Bronchi; Thorax; etc. acute bronchopneumonia due to Aspergillus fumigatus fresenius; report of case, with description of acute and granulomatous lesions produced by fungus in rabbits, 644 birefringence in, 74
edema; pathologic aspects of atmospheric blast injuries in man, 12
hemorrhage; pathologic aspects of atmospheric blast injuries in man, 12
leukopenic factor of exudates; mechanism concerned in leukopenia induced by it, 154 primary pulmonary vascular sclerosis, 630 reaction of rats following injection of anti-rat-heart immune serum, 222 tumor of thoracic inlet producing Pancoast syndrome; report of 17 cases and review of literature, 88
Lutz-Spiendore-de Almeida Disease: See Blastomycosis
Lymphogranuloma, Hodgkin's: See Hodgkin's Disease
Lymphoma, stem cell, of newborn, 104

McDonald, J. R.: Blerfringence in tissues, 69 Macrophages: See Phagocytes and Phagocy-tosis

Madura Foot: See Mycetoma

tosis
Madura Foot: See Mycetoma
Maduromycosis: See Mycetoma
Malformations: See under names of organs
and regions, as Heart; Liver; etc.
Mallory, G. K.: Primary pulmonary vascular
sclerosis, 630
Malnutrition: See under Nutrition
Mammary Gland: See Breast
Martland, H. S.: Pathologic changes resulting
from administration of streptomycin, 619
Medicine, Military: See Military Medicine
Tropical: See Tropical Medicine
Medin-Heine Disease: See Pollomyelitis
Medionerosis: See Aorta
Melanoma, primary, of adrenal gland, 345
Meninges, intracranial hemorrhage; sudden and
unexpected deaths of young soldiers; diseases responsible for such deaths during
World War II, 468
Meningococci; meningococcemis, sudden and

eases responsible for such deaths during World War II, 468

Meningococci; meningococcemia; sudden and unexpected deaths of young soldiers; diseases responsible for such deaths during World War II, 477

Menkin, V.: Leukopenic factor of exudates; mechanism concerned in leukopenia induced by it, 154

Merrill, G. G.: Complete absence of left lobe of liver, 232

Mesenchyme: See Mesoderm and Mesodermal Tissues

Mesoderm and Mesodermal Tissues; angiomatoid formations in genital organs with and without tumor formation, 56

Methylcholanthrene; course of wound healing in skin of mice under influence of carcinogens, 193

further evidence for successive stages in formation of neoplasms, 445

Microorganisms: See Fungi; Spirochaeta; etc. Microscopy; birefringence in tissues, 69

Military Medicine; necropsies on Okinawans; anatomic and pathologic observations, 359 pathologic aspects of atmospheric blast injuries in man, 12 sudden and unexpected deaths of young soldiers; diseases responsible for such deaths during World War II, 459 Mitosis: See Cells, division Molds: See Fungi Moore, M.: Radiate formation on pathogenic fungi in human tissue, 113 Morehead, R. P.: Angiomatoid formations in genital organs with and without tumor formation, 56 Moritz, A. R.: Sudden and unexpected deaths of young soldiers; diseases responsible for such deaths during World War II, 459 Muscles, birefringence in, 70 experimental cholesterol arteriosclerosis: changes produced in skeletal muscle, 277 Mushett, C. W.: Pathologic changes resulting from administration of streptomycin, 619 Mycetoma, 131 Mycosis: See Blastomycosis; Mycetoma; Torula; etc.

Myoblastoma, granular cell, 517 Myocardium: See Heart

Myoblastoma, granular cell, 517
Myocardium: See Heart
Myoma; anglomatoid formations in genital
organs with and without tumor formation,

National Institute of Health, 243, 456
Necropsies: See Autopsies
Necrosis: See Aorta
Neoplasms: See Cancer; Sarcoma; Tumors
Nephritis, glomerular; glomerulonephritis,
Wilms's tumor and horseshoe kidney in
Infant, 549
Nephrolibiasis: See Kidneys calculi

Wilms's tumor and autocation infant, 549
Nephrolithiasis: See Kidneys, calculi
Nephropathy: See under Kidneys; Nephritis
Nerves: See also Nervous System
birefringence in nervous tissue, 70
Cells: See Neurons
peripheral; tumor of tactile end organs, 1

Nervous System: See also Brain; Nerves;

Neurous System: See also Brain; Nerves;
Neurous; etc.
pathologic changes resulting from administration of streptomycin, 619
Neurofibroma; tumor of tactile end organs, 1
Neurous; cerebral concussion; histochemical
demonstration of nucleases in cerebrospinal fluid, 175
Nipple: See Breast

spinal fluid, 175
Nipple: See Breast
Nodes: See Rheumatic Fever
Norris, E. H.: Primary hyperparathyroidism:
report of 5 cases that exemplify special
features of this disease (infarction of
parathyroid adenoma; oxyphil adenoma),
261

Nucleins; cerebral concussion; histochemical demonstration of nucleases in cerebro-spinal fluid, 175

Spinal fluid, 175
Nucleoproteins; cerebral concussion; histochemical demonstration of nucleases in cerebrospinal fluid, 175
Nutrition; malnutrition among Okinawans, 375

## Obituaries:

Flexner, Simon, 234
Freund, Ernst, 243
Getzowa, Sophia, 658
Larson, Winford P., 658
MacNeal, Ward J., 455
Piette, Eugene C., 658

Old Age; Journal of Gerontology and Non-Technical Supplement, 111 retrogressive, degenerative and senile changes in Okinawans, 371 Opie, E. L.: Simon Flexner, 234 Organs; pathologic changes resulting from administration of streptomycin, 619

Osteitis fibrosa; primary hyperparathyroidism report of 5 cases that exemplify specia features of this disease (infarction o parathyroid adenoma; oxyphil adenoma) 261

Osteosclerosis, nodular, disseminated reticule endothelial tumor of bone marrow with

206
Ovary, angiomatoid formations in, 59
bilateral ovarian aplasia, 381
birefringence in, 78
granular cell myoblastoma, 517
Oxidation-Reduction; in vitro studies on physiology of cells; interactions of thymic cells and oxidation-reduction indicator, 2,6-dichlorophenolindophenol, 163

Panceast Syndrome: See Lungs
Pancreas; duodenitis with diverticulum and
ectopic pancreatic tissue, 228
Pará, M.: Silver impregnation of spirochetes
in tissue sections; description of new
technic, 649
Paracoccidioidal Granuloma: See Blastomy-

cosis
Paralysis, Infantile: See Pollomyelitis

Parathyroid; primary hyperparathyroidism: report of 5 cases that exemplify special features of this disease (infarction of parathyroid adenoma; oxyphil adenoma), 261

261
Penicillin: See Amebiasis
Periarteritis nodosa; temporal arteritis; report of case and comparison to periarteritis nodosa, 402
Periodicals; Journal of Gerontology and Non-Technical Supplement, 111
Research in Medical Science, 111
Peritoneum; birefringence in peritoneal cavity, 76

Technical Supplement, 111
Research in Medical Science, 111
Peritoneum; birefringence in peritoneal cavity, 76
Perkins, E.: Alloxantin: investigation of substance as used in experimental production of diabetes, 214
Phagocytes and Phagocytosis: See also Reticuloendothelial System
brain repair: phospholipid-splitting enzymes of brain phagocytes, 564
reaction of reticuloendothelial cells to subcutaneous injections of cholesterol; experimental animals: mice, 299
Phenols; in vitro studies on physiology of cells; interactions of thymic cells and oxidation-reduction indicator, 2,6-dichlorophenolindophenol, 163
Phosphatase; distribution of alkaline phosphatase in human liver; study of postmortem material, 501
Phosphorus and Phosphorus Compounds: brain repair; phospholipid-splitting enzymes of brain phagocytes, 564
Pledra: See Hair, diseases
Plagge, J. C.: Some effects of prolonged massive estrogen treatment on rat, with reference to thymus, 598
Plasma: See Blood; Serum
Plastics, fibrinogen; tissue reactions induced by series of fibrinogen plastics implanted in abdominal wall of guinea plgs, 535
Poisons and Polsoning: See under names of specific substances
Polarized Light Method: See Histology
Poliomyelitis, bulbar; epidemic poliomyelitis; some pathologic observations on human material, 245
Polyarteritis Nodosa: See Periarteritis nodosa
Popliteal Space: systemic multicentric lipoblasiosis, 320
Portal Cirnosis: See Liver, cirrhosis
Postmortems: See Autopsies
Powell, E. B.: Granular cell myoblastoma, 517
Pregnancy: See also Fetus toxemia; eclampsia: report of case with extensive destruction of brain, 391
Prizes: See Awards

Propylene Dichloride: See Chloropropane Prostate; birefringence in prostate gland, Pyrexin; leukopenic factor of exudat-mechanism concerned in leukopenia duced by it, 154

Races; necropsies on Okinawans; anatomic and pathologic observations, 359 Radiate Formation on pathogenic fungi in human tissue, 113 Radiations: See under names of various dis-

cases
Randall, W. S.: Primary bronchiogenic leiomyosarcoma, 543
Rannie, I.: Bilateral ovarian aplasia, 381
Recklinghausen's Disease: See Osteitis fibrosa
Research in Medical Science (new journal),
111
Patieuleandothelial System: See also Liver;

Reticulum: See Reticuloendothelial System
Reticuloendothelial System: See also Liver;
Phagocytes and Phagocytosis; Spleen; etc.
lesions of reticuloendothelial cells in anaphylactic shock, 412
reaction of reticuloendothelial cells to subcutaneous injections of cholesterol; experimental animals: mice, 299
Reticuloendothelioma; disseminated reticuloendothelial tumor of bone marrow with nodular osteosclerosis, 206
Reticulum: See Reticuloendothelial System
Rheumatic Fever; reaction of rats following injection of anti-rat-heart immune serum, 222

Rheumatism, Acute: See Rheumatic Fever Roentgenotherapy: See under names of dis-eases Rosenkrantz, J. A.: Experimental athero-sclerosis; effect of prolonged feeding of egg yolk powder in rats, \$1 Rusch, H. P.: Further evidence for successive stages in formation of neoplasms, 445

Saphir, O.: Myocardial granulomas in subacute bacterial endocarditis, 574
Sarcolemma: See Muscles
Sarcoma: See also Cancer; Leiomyosarcoma;
Tumors; etc.
primary Hodgkin's sarcoma of brain, 338
Schlichter, J. G.: Experimental medionecrosis
of aorta, 182
Schrek, B.: In vitro studies on physiology of
cells; interactions of thymic cells and
oxidation-reduction indicator, 2,6-dichlorophenolindophenol, 163
Schwartz, W. B.: Experimental endocarditis
of dogs, 159
Sclerosis: See Arteriosclerosis; Nephritis
Seminiferous Tubules: See Testes
Senility: See Old Age

Senility: See Old Age
Sensitization: See Anaphylaxis and Allergy
Serous Cavities; reaction of rats following
injection of anti-rat-heart immune serum,
222
Serum.

zzz Serum: See also Blood reaction of rats following injection of anti-rat-heart immune serum, 222 Sex Hormones: See Estrogens Sherman, M. S.: Pathologic changes in gouty arthritis, 557

Shock, Anaphylactic: See Anaphylaxis and Allergy

Silberberg, M.: Course of wound healing in skin of mice under influence of carcino-gens, 193

gens, 193
Silberberg, R.: Course of wound healing in skin of mice under influence of carcinogens, 193
Skeleton: See under Bones

Skin and appendages, birefringence in, 72 course of wound healing in skin of mice under influence of carcinogens, 193

Skull: See Cranium
Smith, N. J.: Glomerulonephritis, Wilms's
tumor and horseshoe kidney in infant, 549

Societies; American Society of Clinical Pathologists, 658

Memphis Society of Pathologists, 658

Pennsylvania Association of Clinical Pathologists, 659

Memphis Society of Pathologists, 658
Pennsylvania Association of Clinical Pathologists, 658
Society of American Bacteriologists, 243, 658
Soldiers; sudden and unexpected deaths of young soldiers; diseases responsible for such deaths during World War II, 459
Spain, D. M.: Hepar lobatum; clinical significance of anatomic changes, 64
Sparling, H. J., Jr.: Primary Hodgkin's sarcoma of brain, 338
Specimens: See Tissue
Spectrophotometry: See Ultraviolet Rays
Spiegel, E. A.: Cerebral concussion; histochemical demonstration of nucleases in cerebrospinal fluid, 175
Spiegel-Adolf, M.: Cerebral concussion; histochemical demonstration of nucleases in cerebrospinal fluid, 175
Spinal Fluid: See Cerebrospinal Fluid
Spirochaeta; silver impregnation of spirochetes in tissue sections; description of new technic, 649
Spleen, birefringence in, 76
leukopenic factor of exudates; mechanism concerned in leukopenia induced by it, 154
Splendore-de Almeida-Lutz Disease: See Blasto-

leukopenic factor of exudates; mechanism concerned in leukopenia induced by it, 154
Splendore-de Almeida-Lutz Disease: See Blastomycosis
Sporotrichosis, 128
Stains and Staining; silver impregnation of spirochetes in tissue sections; description of new technic, 649
Steiner, A.: Atherosclerosis and arteriosclerosis in dogs following ingestion of cholesterol and thiouracil, 433
Steiner, P. E.: Necropsies on Okinawans: anatomic and pathologic observations, 359
Stillbirths; functioning of fetal kidney as reflected by stillborn infants with hydroureter and hydronephrosis, 274
Stokes-Adams Disease: See Heart, block
Streptococci; experimental endocarditis of dogs, 159
myocardial granulomas in subacute bacterial endocarditis, 574
Streptomycin, pathologic changes resulting

terial endocarditis, 574

Streptomycin, pathologic changes resulting from administration of, 619

Sugar in Blood: See Blood sugar Suprarenals: See Adrenals

Symmens, D.: Hepar lobatum; clinical significance of anatomic changes, 64

Syphilis: See also under names of organs, regions and diseases tertlary; hepar lobatum; clinical significance of anatomic changes, 64

cance of anatomic changes, 64

Taft, E. B.: Primary pulmonary vascular sclerosis, 630
Tedeschi, C. G.: Systemic multicentric lipoblastosis, 320
Testes; angiomatoid formations in epididymis and testicular tunics, 56
birefringence in testis and ovary, 78
structure of testis in infancy and in child-hood with discussion of so-called underdeveloped testis, 35
Thiouracil: See Arteriosclerosis
Thorax: See also Heart; Lungs; etc. tumor of thoracic inlet producing Pancoast syndrome; report of 17 cases and review of literature, 88
Thrombosis: See also Embolism cerebrai; eclampaia; report of case with extensive destruction of brain, 391
Thurber, D. C.: Temporal arteritis; report of case and comparison with respect to periarteritis nodosa, 402
Thymus; effects of prolonged massive estrogen treatment on rat with, reference to thymus, 598

Thyroid: See also Parathyroid birefringence in thyroid tissue, 74
Tissue: See also Cells
birefringence in, 69
connective, birefringence in, 70
connective; structure of testis in infancy and in childhood with discussion of so-called underdeveloped testis, 35
connective; tumors of tactile end organs, 1 distribution of alkaline phosphatase in human liver; study of postmortem material, 501

fibringen plastics; tissue reactions induced by series of fibringen plastics implanted in abdominal wall of guinea pigs, 535 radiate formation on pathogenic fungi in human tissue, 113 reaction of reticuloendothelial cells to subcutaneous injections of cholesterol; experimental animals: mice, 299 Staining: See Stains and Staining systemic multicentric lipoblastosis, 329 cmpkins, E. H.: Reaction of reticuloendothelial cells to subcutaneous injections of cholesterol; experimental animals: mice, 299

299

cholesterol; experimental animals: mice, 299
Torula, capsule formation in fungi in, 144
Trichomycosis: See Hair, diseases
Trichosporon: See Hair, diseases
Tropical Medicine; necropsies on Okinawans anatomic and pathologic observations, 359
Trudeau Medal, 456
Truncus Arteriosus: See Heart, abnormalities
Tuberculosis: See under names of various
diseases, organs and regions
Tumors: See also Adenocarcinoma; Adenoma;
Angloma; Cancer; Lipoma; Lymphoma;
Melanoma; Myoblastoma; Myoma; Neurofibroma; Sarcoma; etc.
angiomatoid formations in genital organs
with and without tumor formation, 56
glomerulonephritis, Wilms's tumor and horseshoe kidney in infant, 549
Tunica Vaginalis: See Testes

Ultraviolet Rays; cerebral concussion; histo-chemical demonstration of nucleases in cerebrospinal fluid, 175 Umbilicus, primary adenocarcinoma of, 635 Ureters; functioning of fetal kidney as re-flected by stillborn infants with hydro-ureter and hydronephrosis, 274

Urinary Tract: See Kidneys Uterus, angiomatold formations in, 58

Vasemeter System: See Arteries; Blood pres-sure; Blood vessels Veins: See Blood vessels; Embolism; Throm-bosis; etc. Vibration, atherosclerotic valvular disease of heart, 285

heart, 285

Wachstein, M.: Distribution of alkaline phosphatase in human liver; study of postmortem material, 591

Walker Prize, 456

War: See also Military Medicine; etc. sudden and unexpected deaths of young soldiers; diseases responsible for such deaths during World War II, 459

Ward Burdick Medal, 456

Waterhouse-Friderichsen Syndrome: See Adrenals, hemorrhage

Watson, J. S.: Alloxantin; investigation of substance as used in experimental production of diabetes, 214

Tumor of thoracle inlet producing Pancoast syndrome; report of 17 cases and review of literature, 88

Webb, A. C.: Truncus arteriosus communis

syndrome; report of 17 cases and review of literature, 88
Webb, A. C.: Truncus arteriosus communia persistens, 427
Wells, L. J.: Functioning of fetal kidney as reflected by stillborn infants with hydroureter and hydronephrosis, 274
Windholz, F.: Disseminated reticuloendothelial tumor of bone marrow with nodular osteosclerosis, 206
Wounds: See also Military Medicine; etc.

scierosis, 206
Wounds: See also Military Medicine; etc.
course of healing in skin of mice under
influence of carcinogens, 193
Wycis, H. T.: Cerebral concussion; histochemical demonstration of nucleases in
cerebrospinal fluid, 175

Young, M. O.: Lipoma of mammary gland, 641

Zak, F. G.: Distribution of alkaline phosphatase in human liver; study of postmortem material, 501
 Zamcheck, N.: Sudden and unexpected deaths of young soldiers; diseases responsible for such deaths during World War II, 459

